

Typical Performance Data

Input Freq (GHz)	X3 Conversion Loss (dB)				X1 Harmonic Output (-dBc)				X2 Harmonic Output (-dBc)				X4 Harmonic Output (-dBc)			
	Output Freq (GHz)	Input Power			Output Freq (GHz)	Input Power			Output Freq (GHz)	Input Power			Output Freq (GHz)	Input Power		
		+14 dBm	+16 dBm	+18 dBm		+14 dBm	+16 dBm	+18 dBm		+14 dBm	+16 dBm	+18 dBm		+14 dBm	+16 dBm	+18 dBm
3.33	10.00	18.91	18.54	19.02	3.33	50.76	52.58	53.13	6.67	82.07	83.66	83.36	13.33	22.28	22.24	21.49
3.50	10.50	18.01	17.63	18.00	3.50	53.98	55.75	56.28	7.00	71.09	71.78	73.05	14.00	23.27	22.92	22.16
3.67	11.00	17.33	16.99	17.39	3.67	56.12	57.78	58.11	7.33	65.21	65.85	67.11	14.67	24.13	23.62	22.75
3.83	11.50	17.10	16.69	16.97	3.83	59.39	60.76	60.84	7.67	53.65	54.03	54.23	15.33	24.23	24.17	23.71
4.00	12.00	16.42	16.17	16.61	4.00	61.99	62.17	61.39	8.00	47.50	47.62	45.74	16.00	26.59	26.80	26.43
4.17	12.50	15.95	15.74	16.23	4.17	66.41	65.53	64.08	8.33	44.47	43.83	41.07	16.67	27.80	27.91	27.52
4.33	13.00	16.15	15.93	16.48	4.33	72.39	68.02	64.94	8.67	42.75	40.55	36.44	17.33	30.27	30.29	29.57
4.50	13.50	15.32	15.32	16.11	4.50	72.61	68.78	65.45	9.00	43.77	39.41	34.86	18.00	35.79	35.39	34.23
4.67	14.00	15.52	15.59	16.42	4.67	69.60	68.03	65.30	9.33	46.38	42.90	38.51	18.67	39.40	38.96	38.21
4.83	14.50	15.31	15.56	16.56	4.83	64.43	64.74	63.57	9.67	46.41	49.38	51.51	19.33	43.52	43.92	43.90
5.00	15.00	15.65	15.95	16.97	5.00	61.05	61.76	61.29	10.00	54.63	57.96	57.68	20.00	52.09	51.80	50.63
5.17	15.50	15.68	16.09	17.17	5.17	60.35	60.92	60.42	10.33	55.57	53.32	49.32	20.67	54.58	52.91	51.07
5.33	16.00	15.49	16.08	17.24	5.33	58.49	58.81	58.25	10.67	54.59	52.70	49.34	21.33	54.63	52.91	50.46
5.50	16.50	16.24	16.66	17.78	5.50	58.54	58.96	58.43	11.00	51.94	51.27	48.15	22.00	52.83	51.31	49.06
5.67	17.00	15.86	16.32	17.47	5.67	57.49	57.96	57.51	11.33	53.13	51.50	48.07	22.67	53.87	52.30	49.60
5.83	17.50	16.56	17.04	18.22	5.83	57.94	58.74	58.61	11.67	50.01	49.03	46.22	23.33	50.54	48.83	46.69
6.00	18.00	16.87	17.25	18.38	6.00	54.09	55.48	56.16	12.00	49.79	50.96	47.48	24.00	51.02	48.51	46.06
6.17	18.50	16.81	17.15	18.28	6.17	52.35	53.75	54.47	12.33	48.42	49.30	46.58	24.67	50.05	47.50	45.30
6.33	19.00	17.36	17.56	18.62	6.33	50.29	51.79	52.52	12.67	49.12	50.50	48.01	25.33	49.61	47.19	44.59
6.50	19.50	17.33	17.61	18.71	6.50	51.61	53.20	54.08	13.00	46.49	47.46	45.83	26.00	48.40	46.03	43.45
6.67	20.00	17.53	17.72	18.77	6.67	57.40	59.89	62.14	13.33	47.86	49.24	47.37	26.67	47.32	45.04	42.62
6.83	20.50	18.33	18.23	19.12	6.83	49.39	50.41	50.33	13.67	45.69	47.88	47.18	27.33	46.24	43.54	41.26
7.00	21.00	18.53	18.60	19.48	7.00	37.06	38.27	38.55	14.00	45.83	48.03	47.41	28.00	43.18	40.67	38.67
7.17	21.50	19.09	19.07	19.87	7.17	33.18	34.55	34.93	14.33	43.93	45.09	45.20	28.67	43.02	40.27	38.33
7.33	22.00	19.50	19.46	20.25	7.33	25.38	26.86	27.34	14.67	45.34	46.00	45.82	29.33	40.75	38.43	36.54